

Figure 1A

09764163-014604



Figure 1B

76 cac cca gaa acg ctg gtg aaa gta aaa gat gct gaa gat cag ttg ggt  
 26 H P E T L V K V K D A E D Q L G  
 124 gca cga gtg ggt tac atc gaa ctg gat ctc aac agc ggt aag atc ctt  
 42 A R V G Y I E L D L N S G K I L  
 172 gag agt ttt cgc ccc gaa gaa cgt ttt cca atg atg agc act ttt aaa  
 58 E S F R P E E R F P M M S T F K  
 220 gtt ctg cta tgt ggc gcg gta tta tcc cgt att gac gcc ggg caa gag  
 74 V L L C G A V L S R I D A G Q E  
 268 caa ctc ggt cgc cgc ata cac tat tct cag aat gac ttg gtt gag tac  
 90 Q L G R R I H Y S Q N D L V E Y  
 316 tca cca gtc aca gaa aag cat ctt acg gat ggc atg aca gta aga gaa  
 106 S P V T E K H L T D G M T V R E  
 364 tta tgc agt gct gcc ata acc atg agt gat aac act gcg gcc aac tta  
 122 L C S A A I T M S D N T A A N L  
 412 ctt ctg aca acg atc gga gga ccg aag gag cta acc gct ttt ttg cac  
 138 L L T T I G G P K E L T A F L H  
 460 aac atg ggg gat cat gta act cgc ctt gat cgt tgg gaa ccg gag ctg  
 154 N M G D H V T R L D R W E P E L  
 508 aat gaa gcc ata cca aac gac gag cgt gac acc acg atg cct gta gca  
 170 N E A I P N D E R D T T M P V A  
 556 atg gca aca acg ttg cgc aaa cta tta act ggc gaa cta ctt act cta  
 186 M A T T L R K L L T G E L L T L  
 604 gct tcc cgg caa caa tta ata gac tgg atg gag gcg gat aaa gtt gca  
 202 A S R Q Q L I D W M E A D K V A  
 652 gga cca ctt ctg cgc tcg gcc ctt ccg gct ggc tgg ttt att gct gat  
 218 G P L L R S A L P A G W F I A D  
 700 aaa tct gga gcc ggt gag cgt ggg tct cgc ggt att gca gca ctg  
 234 K S G A G E R G S R G I I A A L  
 748 ggg cca gat ggt aag ccc tcc cgt atc gta gtt atc tac acg acg ggg  
 250 G P D G K P S R I V V I Y T T G  
 796 agt cag gca act atg gat gaa cga aat aga cag atc gct gag ata ggt  
 266 S Q A T M D E R N R Q I A E I G  
 844 gcc tca ctg att aag cat tgg  
 282 A S L I K H W

Figure 2

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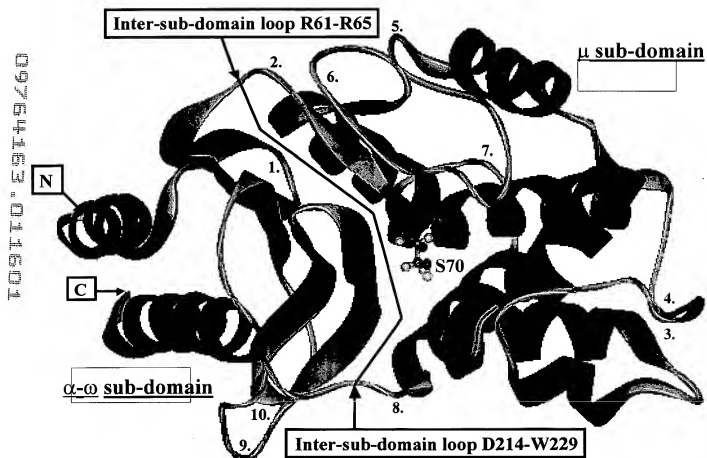


Figure 3

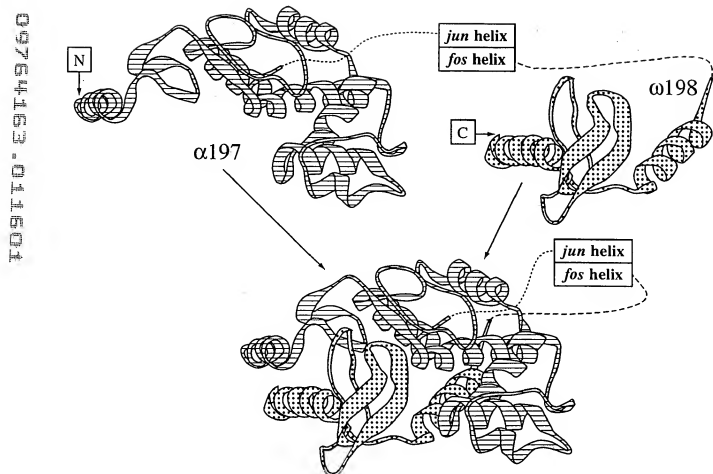
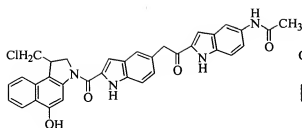


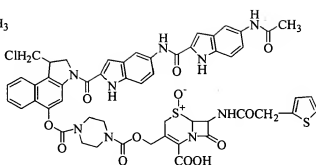
Figure 4

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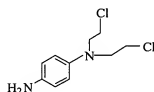
09754463.011604



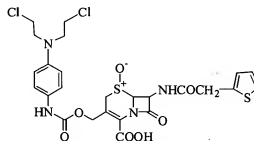
1. YW-200  
IC<sub>50</sub>: 0.01 nM



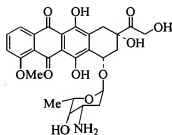
2. YW-285  
IC<sub>50</sub>: 10 nM



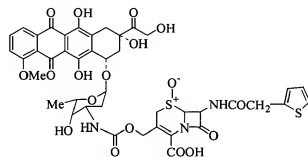
3. Aniline Mustard



4. Aniline Mustard Cephalosporin Prodrug



5. Doxorubicin



6. Doxorubicin Cephalosporin Prodrug

Figure 5

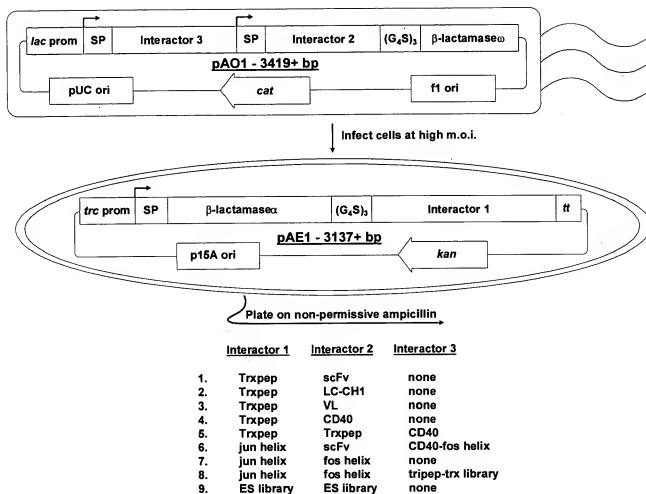


Figure 6

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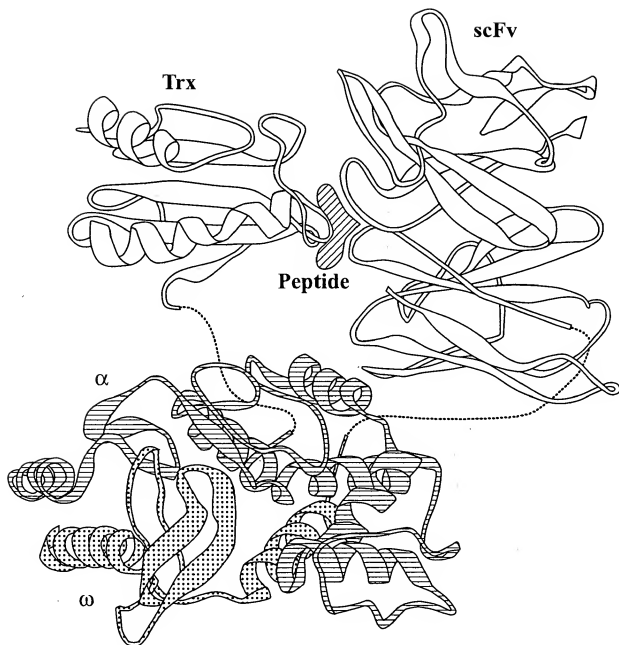


Figure 7

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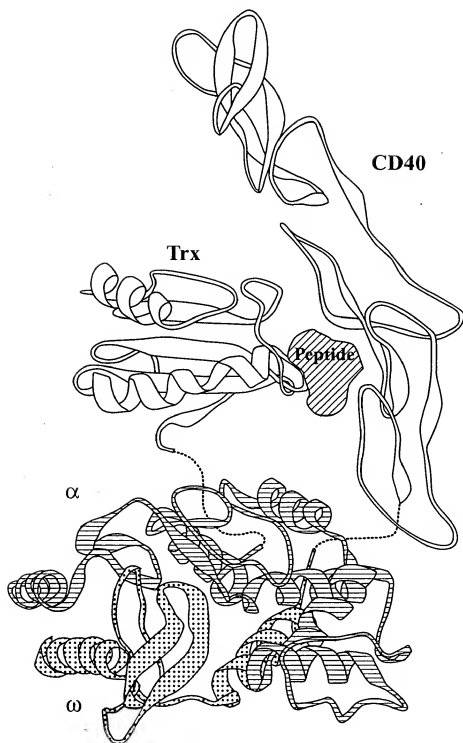


Figure 8

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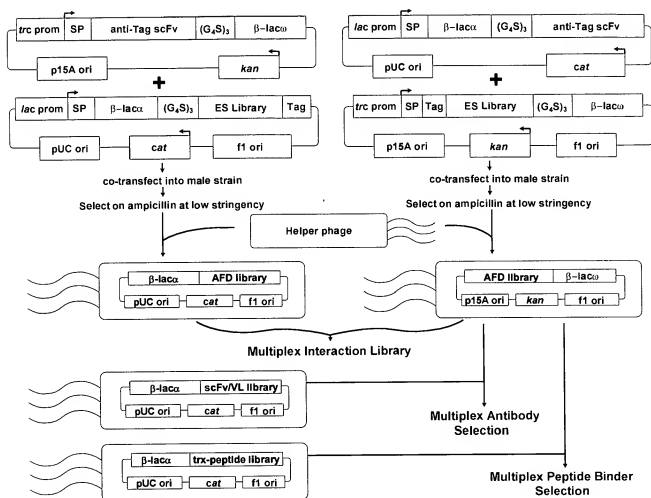


Figure 9

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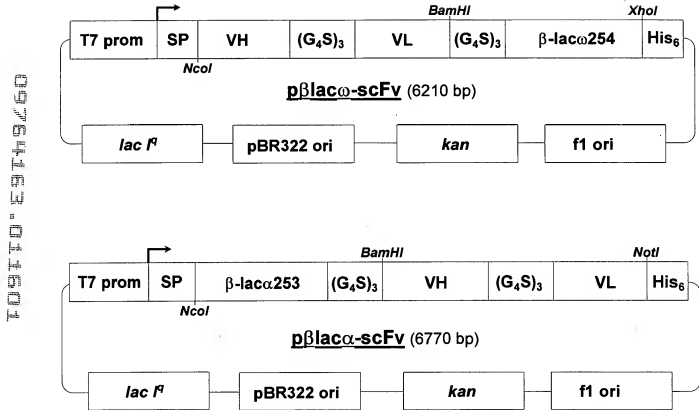
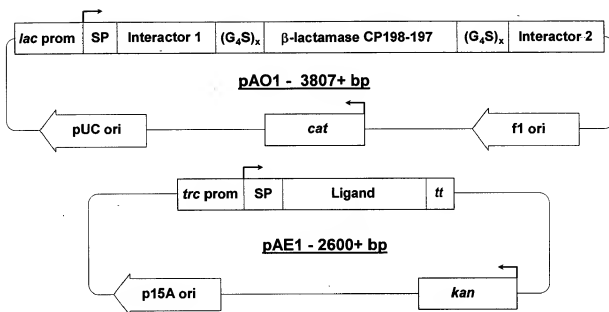


Figure 10

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	<u>Interactor 1</u>	<u>Interactor 2</u>	<u>Ligand</u>	<u>Max. amp<sup>r</sup></u>	<u>S/N (amp25)</u>
1.	scFv	jun helix	CD40-fos helix	50 µg/ml	>1000
2.	scFv	jun helix	fos helix-CD40	50 µg/ml	>1000
3.	CD40	jun helix	scFv-fos helix	50 µg/ml	>1000
4.	fos helix	CD40	scFv-jun helix	100 µg/ml	>1000

**Figure 11**

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.....1.....2.....3.....4.....5.....6
AA      |MGSIAEQDGLHAGSPAAWVERLFGYDWAQQTIGCSDAAVFR|SAQGRPVLFVKTDLSGAL|
PHD sec |          HHHHHHHH      EEEE      HHHEEE      EEEEE      |
subset: SUB sec |LLL...LLLLLLL.HHHHHHH.LL...LLLLL.H...LL.EEEEE.LLLLL|
Rel sec  |987133465669894799999815523221257775463342249993789851777773|
access: P_3 acc |eeebbeeeeee eeebbeee eebbeeeebbbbeebbeeeeee eebbeeeeee|
10st:    PHD acc |9970067777787579700760673600767706000000606979676006067777|

.....7.....8.....9.....10.....11.....12
AA      |NELQDEAARLSWLATTCGVPCAAVLDVVTEACGRDWLLLGEVPGQDLLSSHLAPAEKVSIMA|
PHD sec |          HHHHHHHH      HHHHHHH      EEEEE      HHHHHHHH|
subset: SUB sec |.HHHHHHHHHHHHHLLLLL...E...LLLLL...LL.HHHHHHHH|
Rel sec  |3277999999999965998723223321223223543102787654255359999999|
access: P_3 acc |eebeeebe bbbbeeeebbebbbebeeeebbbbebebebeee eeeebbebbb|
10st:    PHD acc |77077606500000777060060060067776000007006077077757777006000|

.....13.....14.....15.....16.....17.....18
AA      |DAMRRLHTLPATCPFDHQAKHRIERARTRMEAGLVQDDLDLEEHQGLAPAELFARLKAR|
PHD sec |          HHHHHHH      HHHHHHHHHHHHH      HHH      HHHHHHHH|
subset: SUB sec |HHHHHH.LLLL.LLLLL...HHHHHHHHHHHH.LLLLLL...LLLLHHHHHHHHH|
Rel sec  |9999983886646888733289999999997155558874221368678999999961|
access: P_3 acc |ebbbebebebebebebebebebebebebebebebebebebebebebebebebebe|
10st:    PHD acc |7000600706077000777077607760760770005076077777607607777|

.....19.....20.....21.....22.....23.....24
AA      |MPDGEDLVVTHGDACLPNIMVENGRFSGFIDCGRLGVADRYQDIALATRDIAPEELGGEWNA|
PHD sec |          EEEE      EEE      EEEEE      HHHHHHHHHHHHHHHHHH HHHH|
subset: SUB sec |LLLLLLEEEE.LLLLLL.E..LL.EEEEE.....HHHHHHHHHHHHHHHHH.L.HHH|
Rel sec  |898996688626788663153188357888143112344789999999999975284999|
access: P_3 acc |eeeeeebbbbbbebbbbebbbbebeebbbb bbbb bbbbbebebebebeee e|
10st:    PHD acc |677777000006000000000676060000000400005000000060677077736|

.....25.....26.....27.....28.....29.....30
AA      |DRFLVLYGIAAPDSQRIAFYRLLEDEFF|
PHD sec |          HHHHHHH      HHHHHHHHHHHH      |
subset: SUB sec |HHHHHHH.LLLLLL.HHHHHHHH.LL|
Rel sec  |999999737998834667579998359|
access: P_3 acc |e bbeebbeee eeeebbebbbbeebb|
10st:    PHD acc |750066000765777606000006600|

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Figure 12